

## ABSTRACT

### CASING THE MACHINE PROCESS BLEEDER GRATED COCONUT

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The purpose of this final project is to find out how to make coconut squeezer machines, particularly in the manufacture of casing, the method used to identify the working drawings. Identification of the working drawings, provide a general description of the construction to be made.

The process of making coconut squeezer casing includes: Painting materials, a reduction in the volume of material, assembly of materials, and surface refinement. While the casing is made can be done in a way / the steps as follows: Reading drawings, measuring, painting, cutting, bending, drilling, assembly, completion and finishing surface.; The equipment used in the manufacture of casing comprising: etcher (markers), steel bar, the bar elbow (ruler elbow), meter rolls, cutting machine (guillotine), hand shears, hammers, penitik, drilling machines, files, rivet pliers, air compressors and spray gun.; and equipment used for safety includes: pack wear, eye glasses, safety shoes, gloves and earplugs.

The casing is made using materials eysser plate with a thickness of 0.8 mm. The size of each casing is made, among others, namely: the casing (closed box) with a size of 370 x 350 x 0.8 mm and the inner casing (stainlles steel) with a size of 370 x 350 x 0.8 mm, casing the front, right side and left side with the size 750 x 350 x 0.8 mm, while the back of the upper casing with size 585 x 350 x 0.8 mm and the rear casing cover the bottom of the machine with the size 330 x 160 x 0, 8 mm. After a performance test on getting the results that the engine bleeder coconut milk can produce as much as  $\pm 6$  liters / 20 minutes.

Keywords: Casing, Engine Bleeder Grated Coconut